

ABSTRACT OF THE DISCLOSURE

Integrated echo cancellers in a telecommunications system are tested using a test apparatus connected to the
5 main communications trunk where a large number of individual signals are multiplexed together. The signals are de-multiplexed in the test apparatus and specific amounts of echo delay, echo magnitude, and line delay can be introduced for any selected signals within the group
10 on the trunk. The signals are then re-multiplexed and returned to the trunk in a direction back toward the echo canceller.

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